

LP Gas Hose Stainless Steel Reinforced Series 7231



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Series 7231 is a large diameter, extremely durable liquefied petroleum gas (LPG)/propane transfer hose for bulk loading/unloading and vibration-resistant onboard vehicle connections. The hose meets all Underwriters Laboratories (UL21) and Canadian Standards Association (CSA Type I) requirements. The construction incorporates high tensile corrosion resistant stainless steel braided reinforcement for superior strength, durability and kink resistance. The perforated cover is resistant to mild chemicals, oil and ozone.

NOTE: Refer to the Safety and Technical Information section of this catalog for safety, handling and use information.

Series 7231 and DOT: LPG hose assemblies installed on on-road vehicles must meet Department of Transportation (DOT) requirements. Factory assemblies (all sizes) are pressure tested, one of the fittings is etched with a unique DOT certification number, and a document incorporating the identical certification number accompanies each assembly. Metal DOT identification bands are also available/attached for an additional charge at customer request.

Series 7231 and Natural Gas: Series 7231 may be used for natural gas service, but ONLY under ALL of the following conditions:

- 1) The application must be in a well-ventilated environment: Outdoors, or indoors with significant continuous air movement.
- 2) Series 7231 is not to replace fixed/rigid pipe where that material is more appropriate due to reduced permeation and overall strength and durability. Use rigid pipe, non-permeable tubing or hose with barrier constructions to convey natural gas whenever possible.

Series 7231 and Compressed Natural Gas (CNG): Series 7231 is not to be used for any CNG application, including fuel dispensing, on-board vehicle fuel lines, or fuel transfer.

Series 7231 and Anhydrous Ammonia (NH₃): Series 7231 is not for use with anhydrous ammonia.

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource. Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller.

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Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec. WP (psi)	Max Rec. WP (bar)	Perm Cplg Rec. *	Std Pack Qty (ft)	Stock Status **
7231-1251	1-1/4	31.8	1	1.8	44.5	0.97	1.45	17	419	350	24	43	100	Y
7231-1501K	1-1/2	38.1	1	2.0	50.8	1.12	1.67	20	508	350	24	43, 71	150	Y
7231-2002K	2	50.8	2	2.6	66.7	1.87	2.79	26	635	350	24	WC, 43, 71, 7661	150	Y

* Couplings: Refer to Crimpsource at www.crimpsource.com for coupling recommendations and crimp specifications.

** Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Tube: Black nitrile

Reinforcement: One or multiple stainless steel braids

Cover: Black chloroprene; perforated wrapped finish

Temp. Range: -40°F to +180°F (-40°C to +82°C) (The hose construction is capable of this rating, but LP Gas should NEVER be conveyed over 140°F/60°C)

Brand Method: Black text on blue stripe

Brand Example: PARKER SERIES 7231 CGA TYPE I

CAUTION - LP GAS HOSE MH6737 C UR®
US ISSUE NO. XXXX 350 PSI MAX WP

Design Factor: 5:1

Industry Standards: UL21; CSA 8.1 Type I; optional DOT factory hose assembly testing and marking also available. Contact Parker.

Applications:

- LP gas/propane
- Bulk loading/unloading; in-plant tank transfer
- Petrochemical refineries

Vacuum: Not recommended

Packaging: Cartons

WARNING! Use only with couplings qualified by Parker. Do not use with male swivel couplings or other couplings containing o-rings, which may dry out, crack and fail over time.